

Work Order ID 130539

Friday, March 13, 2015 1:26:39 PM

130539

ASAP

Page 1

Item ID: 647.3917

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Doubler

Stop

NS2

Start Date: 3/13/2015 Start Qty: 12.00

12

Cust Item ID:

Required Date: 3/13/2015 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 15-03-13

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
647.3900	C (ECN)

110

0.00

110

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg

Dwg Rev: C

Prog Rev: C

2-Deburr if necessary

(14)

02/15/03/17

120

QC2- Inspect parts off machine FAI/FAIB

0.00

120

QC

Memo

0.00

Quality Control

(14)

02/15/03/17

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 130539

Friday, March 13, 2015 1:26:39 PM

130539

Page 2

Item ID: 647.3917

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Doubler

Stop

NS2

Start Date: 3/13/2015 Start Qty: 12.00

12

Cust Item ID:

Required Date: 3/13/2015 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC8- Inspect parts - second check	0.00							DAS 38 9-89
130									
QC	Memo	0.00							
Quality Control									MAR 17 2015
140	Outsource process-Anodize per QSI017 4.1.10.1	0.00							
140									
Outsource4	Memo	0.00							
Outsource process - Anodize	Issue P/O to ATG : <u>27864</u>								
	1- Black Anodize as per Dwg 647.3900								
	2- PRIME AS PER DWG								
	Certification of Comformity is required								
150	Receive & Inspect for Damage & Mat'l Certs	0.00							
150									
Packaging	Memo	0.00							
Packaging									

CY 1510 3/23 1414X 8015-B-26

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 130539

Friday, March 13, 2015 1:26:39 PM

130539

Page 3

Item ID: 647.3917 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Doubler
 Start Date: 3/13/2015 Start Qty: 12.00 ***12*** Cust Item ID:
 Required Date: 3/13/2015 Req'd Qty: 12.00 ***12*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC5- Inspect part completeness to step on W/O	0.00							
160						(14)			DAS 38 9-89
QC	Memo	0.00							
Quality Control									MAR 26 2015

190	Identify as per dwg & Stock Location <i>MF</i>	0.00							
190									DAS 26 9-89
Packaging	Memo	0.00				14x			
Packaging	***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***								MAR 27 2015

200	QC21- Final Inspection - Work Order Release	0.00							
200									
QC	Memo	0.00							
Quality Control									MLJ 15-03-31

MS-3-30

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Doc/Data									
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Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Picklist Print

Friday, March 13, 2015 1:26:43 PM

Page 1

Work Order ID: 130539

130539

Parent Item: 647.3917

647.3917

Parent Item Name: Doubler

Start Date: 3/13/2015

Required Date: 3/13/2015

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP REV:A 14.12.03 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M2024T3S.090		Purchased		No			sf	55.0000		1			
M2024T3S.090										**			
2024-T3 .090 sheet													

DL 15/03/17

Location

Loc Qty

Loc Code

MAT021

55

123287

18

m130387

37

1.1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO.

04556

SHEET 1 OF 1

DWG NO. 647.3900

REV: C

PREPARED BY D. MEJIA

DATE: 06/10/2014

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY:

ENGR

MFG

QC

EFF.

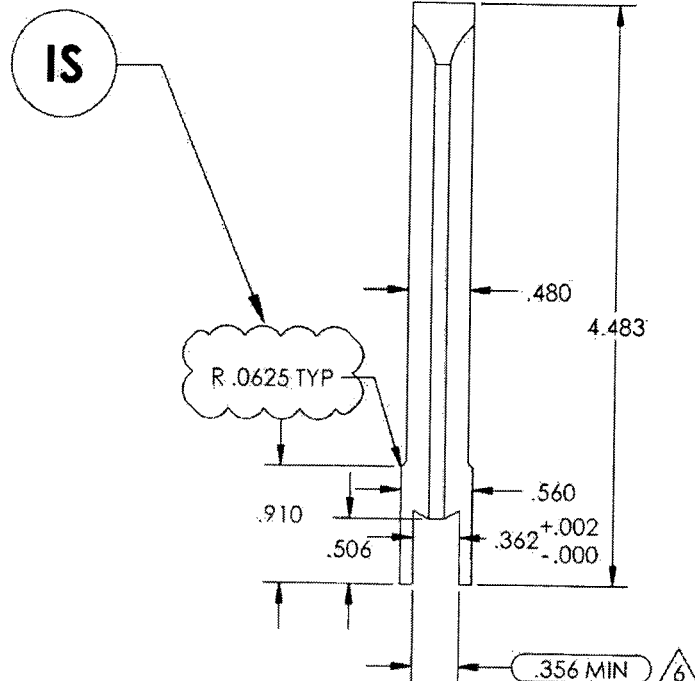
NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

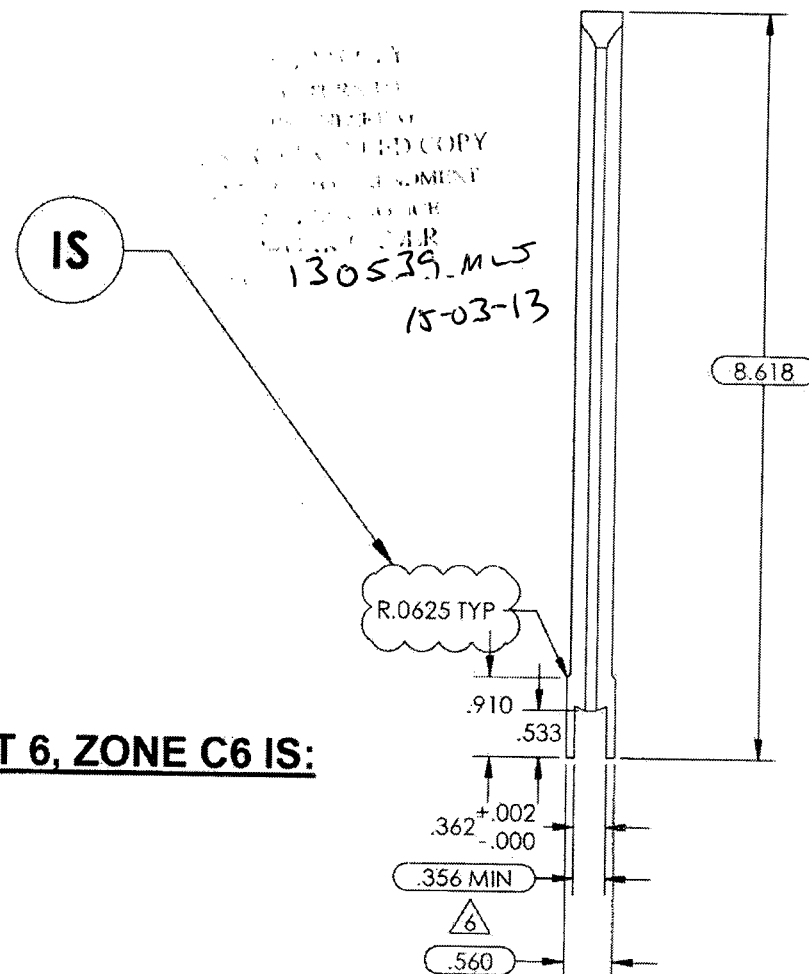
REASON: DIMENSION CHANGE

ECR:

D-14-04



SHEET 5, ZONE C6 IS:



SHEET 6, ZONE C6 IS:

DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☐ BOM

CHANGE CATEGORY

☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED

☐ YES ☒ NO

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NOTES:

1. MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.

2. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;

3. DEBURR AND BREAK ALL SHARP EDGES.

4. IDENTIFY IAW MPP-120.

5. APPLY F/N 3 AS REQUIRED TO ALL FAYING SURFACES OF F/N 6, 7 & 8 UPON ASSY.

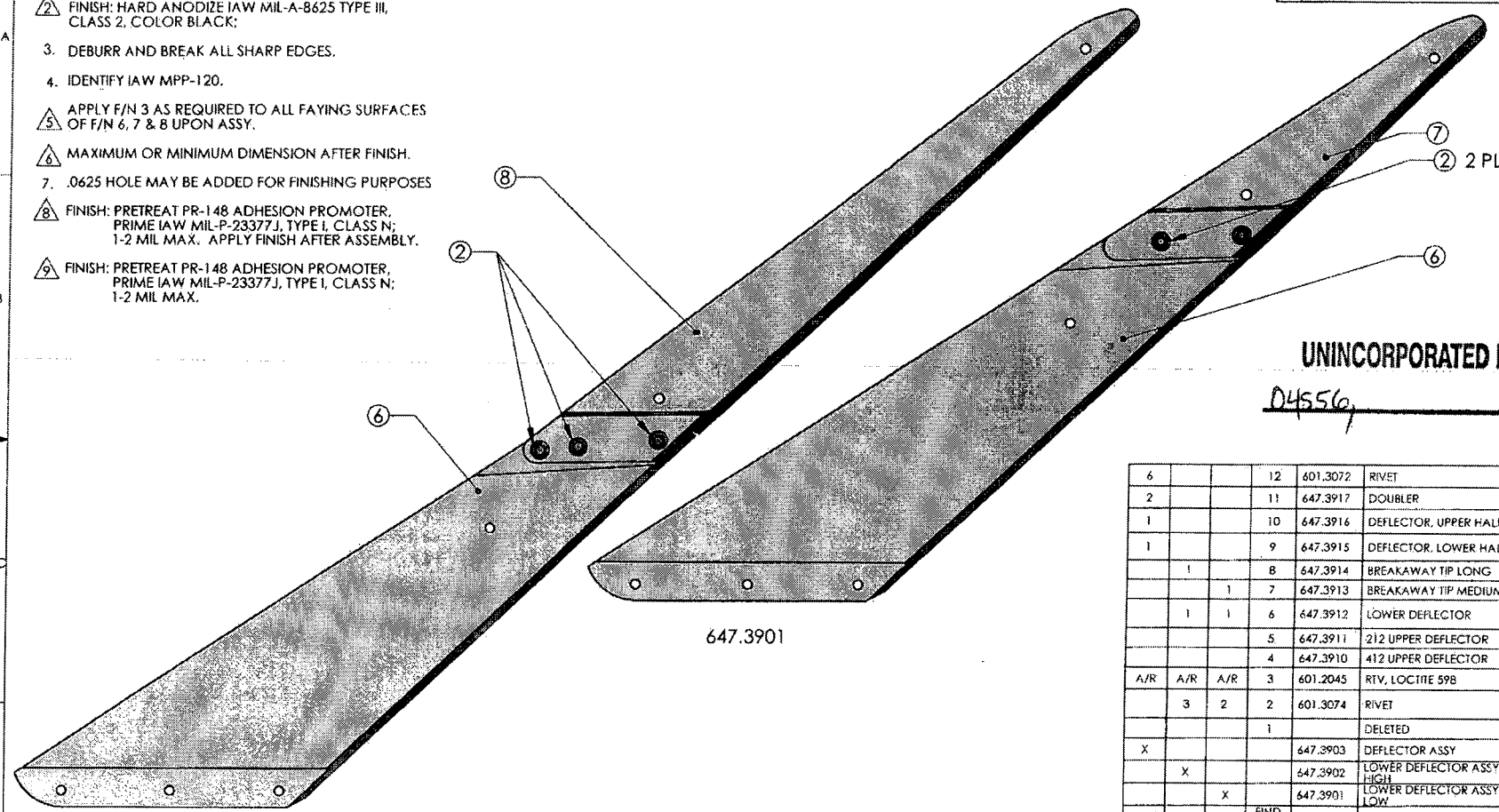
6. MAXIMUM OR MINIMUM DIMENSION AFTER FINISH.

7. .0625 HOLE MAY BE ADDED FOR FINISHING PURPOSES

8. FINISH: PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N; 1-2 MIL MAX. APPLY FINISH AFTER ASSEMBLY.

9. FINISH: PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N; 1-2 MIL MAX.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	LAST PROTOTYPE RELEASE-PR1		NVC
2	NEW RELEASE	07/10/09	P. BRAYO
3	INCORPORATED ECN 0264 0307 & 0315	07/24/12	P. BRAYO
4	INCORPORATED ECN 0405	08/02/13	P. BRAYO
5	INCORPORATED ECN 0409, 0415 & 0420	11/18/13	P. BRAYO



UNINCORPORATED ECN(s)

04556

6			12	601.3072	RIVET	CR3213-6-9	
2			11	647.3917	DOUBLER		
1			10	647.3916	DEFLECTOR, UPPER HALF	△	△
1			9	647.3915	DEFLECTOR, LOWER HALF	△	△
	1		8	647.3914	BREAKAWAY TIP LONG	△	△△
		1	7	647.3913	BREAKAWAY TIP MEDIUM	△	△△
	1	1	6	647.3912	LOWER DEFLECTOR	△	△△
			5	647.3911	212 UPPER DEFLECTOR	△	△△
			4	647.3910	412 UPPER DEFLECTOR	△	△△
A/R	A/R	A/R	3	601.2045	RTV, LOCTITE 598		△
	3	2	2	601.3074	RIVET	MS0047040-6-12	
			1		DELETED		
X				647.3903	DEFLECTOR ASSY		△
	X			647.3902	LOWER DEFLECTOR ASSY HIGH		
		X		647.3901	LOWER DEFLECTOR ASSY LOW		
.3903	.3902	.3901	FIND #	PART #	DESCRIPTION	MAT'L	SPEC

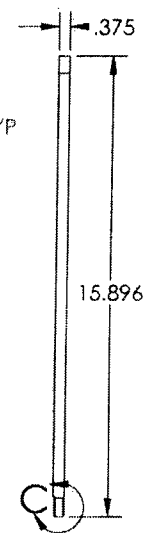
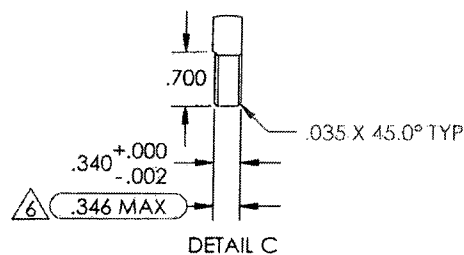
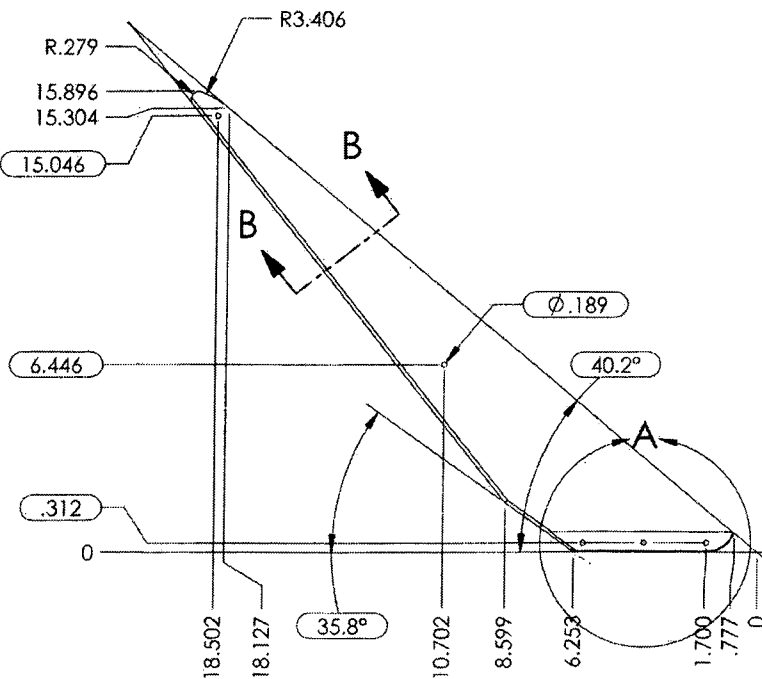
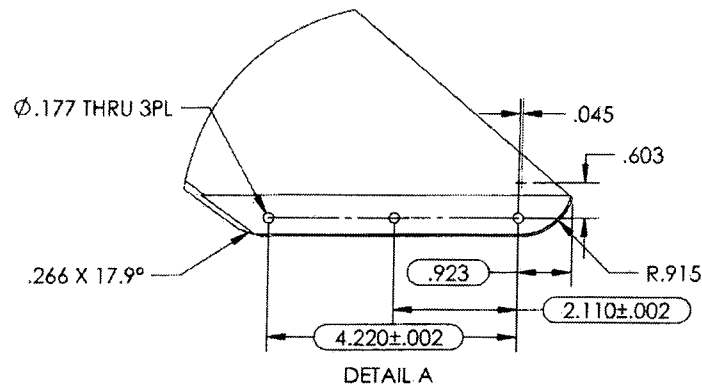
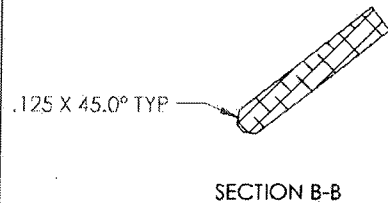
QTY		ORIGINAL DATE (MM-DD-YY)		REVISION	
NEXT ASSY (S)		DRAWN BY		CHECKED	
647.3800		DISCIP		REWORK	
		DRAWING APPROVAL		P. BRAYO	
		DESIGN			
		CONTRACT NO.			
		UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES	
		TOLERANCES ARE		2 PLACE DECIMALS ± .01	
		HOLE SIZES ARE		2 PLACE DECIMALS ± .01	
		ANGLE ± .5°			
		SIZE		CAGE CODE	
		E		07N126	
		SCALE		NONE	
		DWG. NO.		647.3900	
		REV.		C	
		SHEET		1 OF 12	

APICAL INDUSTRIES

2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

DEFLECTORS

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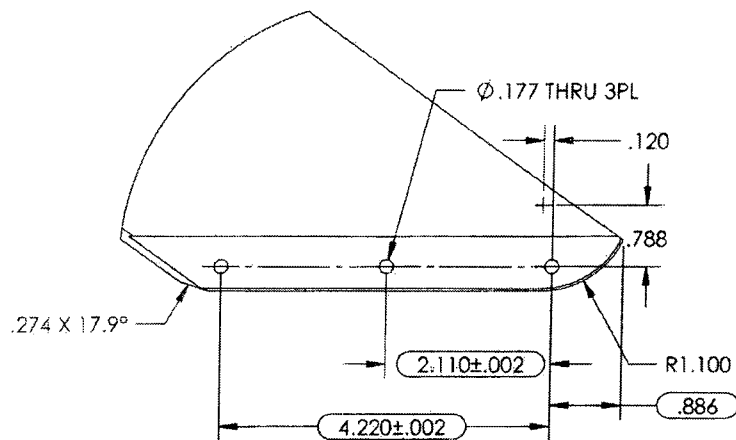


ORIGINAL DATE: 09-13-09 DESIGNED BY: J. HANSEN DRAWING APPROVAL: J. HANSEN CONTRACT NO.:		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SHEET CODE: B CASE CODE: 07M26 SCALE: NONE	DWG. NO.: 647.3900 REV. C SHEET 2 OF 12

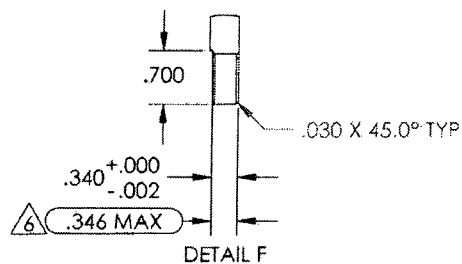
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.125 X 44.9°

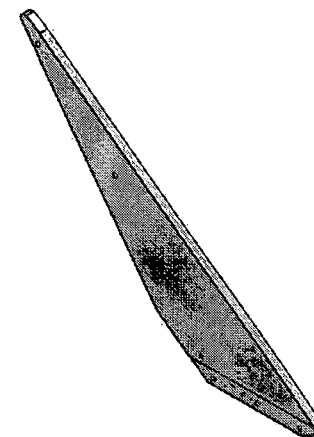
SECTION E-E



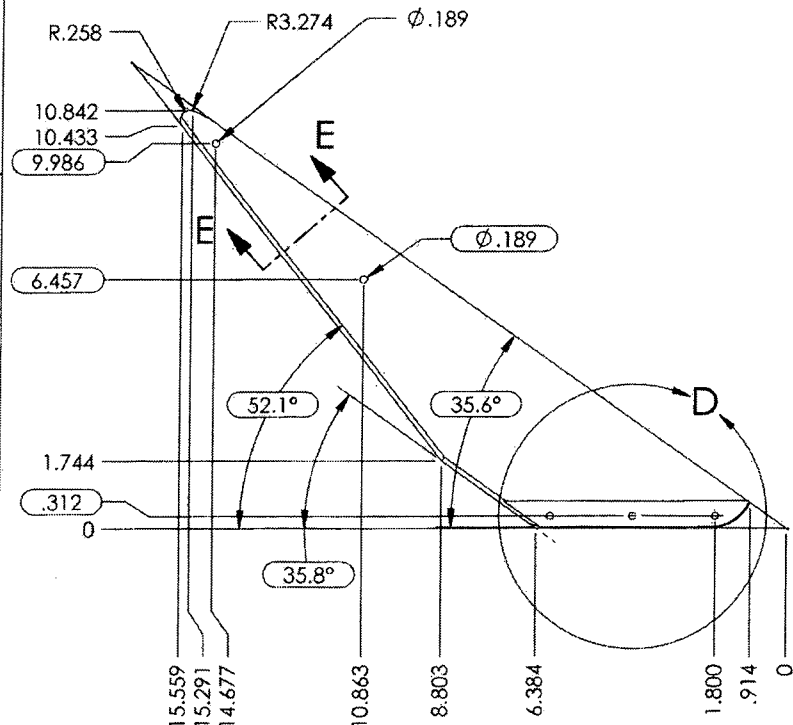
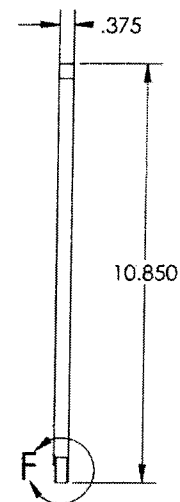
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DETAIL F



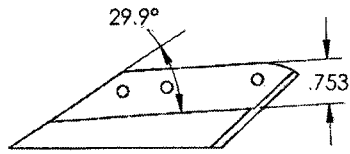
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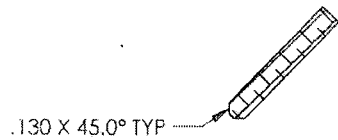
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DESIGNED BY	06/01/00
DRAWN BY	06/01/00
CHECKED BY	06/01/00
APPROVED BY	06/01/00
CONTRACT NO.	

APICAL INDUSTRIES			
2608 TEMPLE HEIGHTS DR.			
OCEANSIDE, CA. 92056-3512 (760) 724-5300			
DEFLECTORS			
REV	CAGE CODE	DWG. NO.	REV
	8	07M76	647.3900
SCALE: NONE		SHEET 3 OF 12	

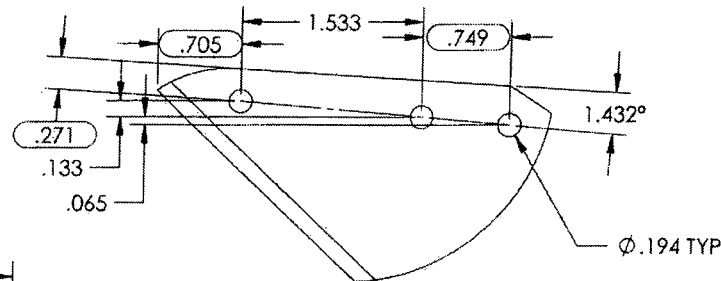
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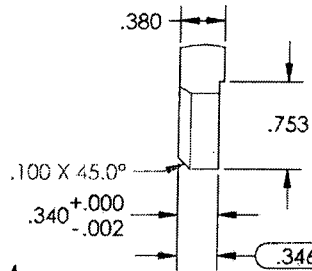
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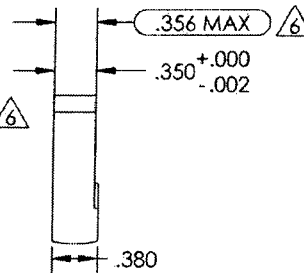
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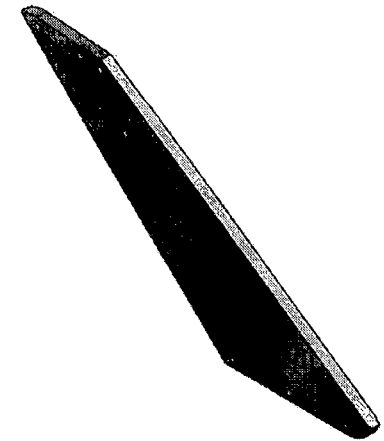
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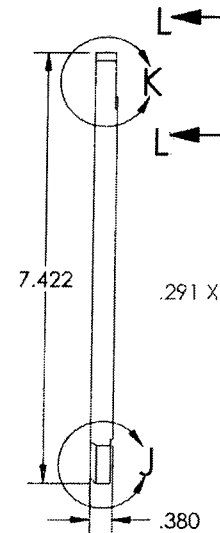
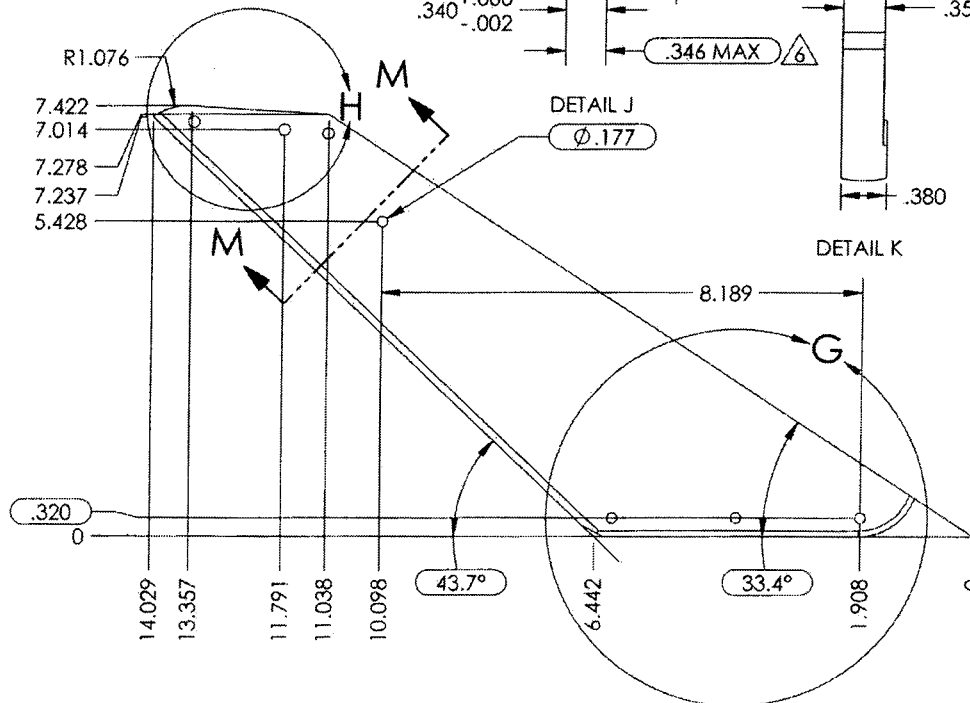
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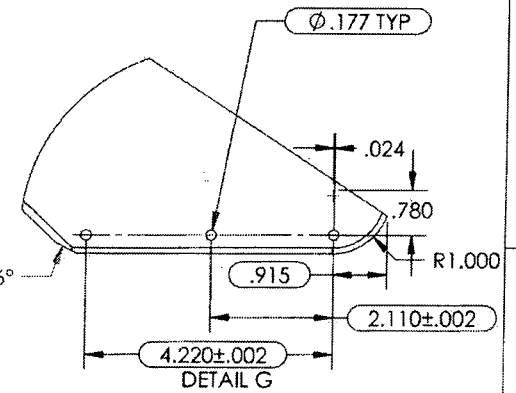
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647.3912



DETAIL G

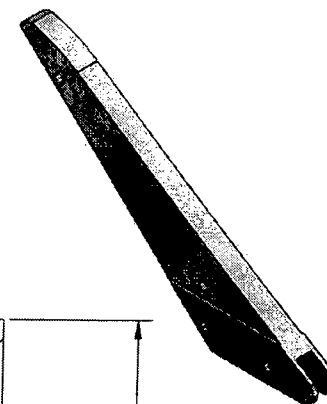
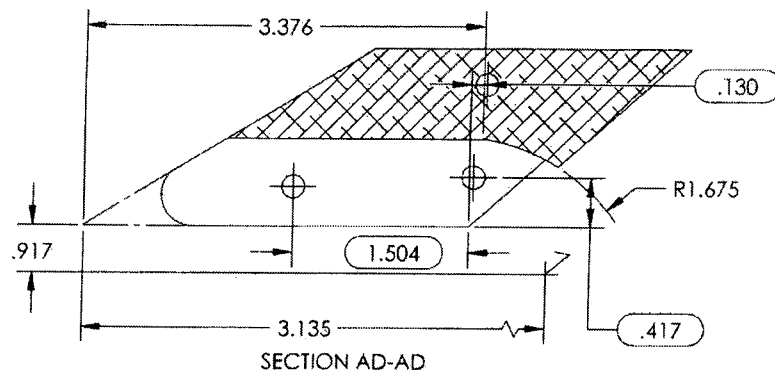


OFFICIAL DATE 2/20/00		APICAL INDUSTRIES	
DRAWN BY: J. K. KELLY		2608 TEMPLE HEIGHTS DR.	
CHECKED BY: J. K. KELLY		OCEANSIDE, CA. 92056-3512	
DRAWING APPROVAL		(760) 724-5300	
BY: J. K. KELLY		DEFLECTORS	
CONTRACT NO.		647.3900	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ±.01 ANGLES ±.5°		SCALE: NONE	
SHEET 4 OF 12		REV. C	

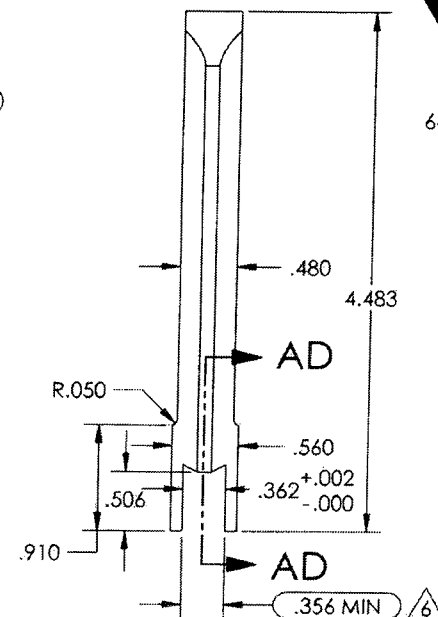
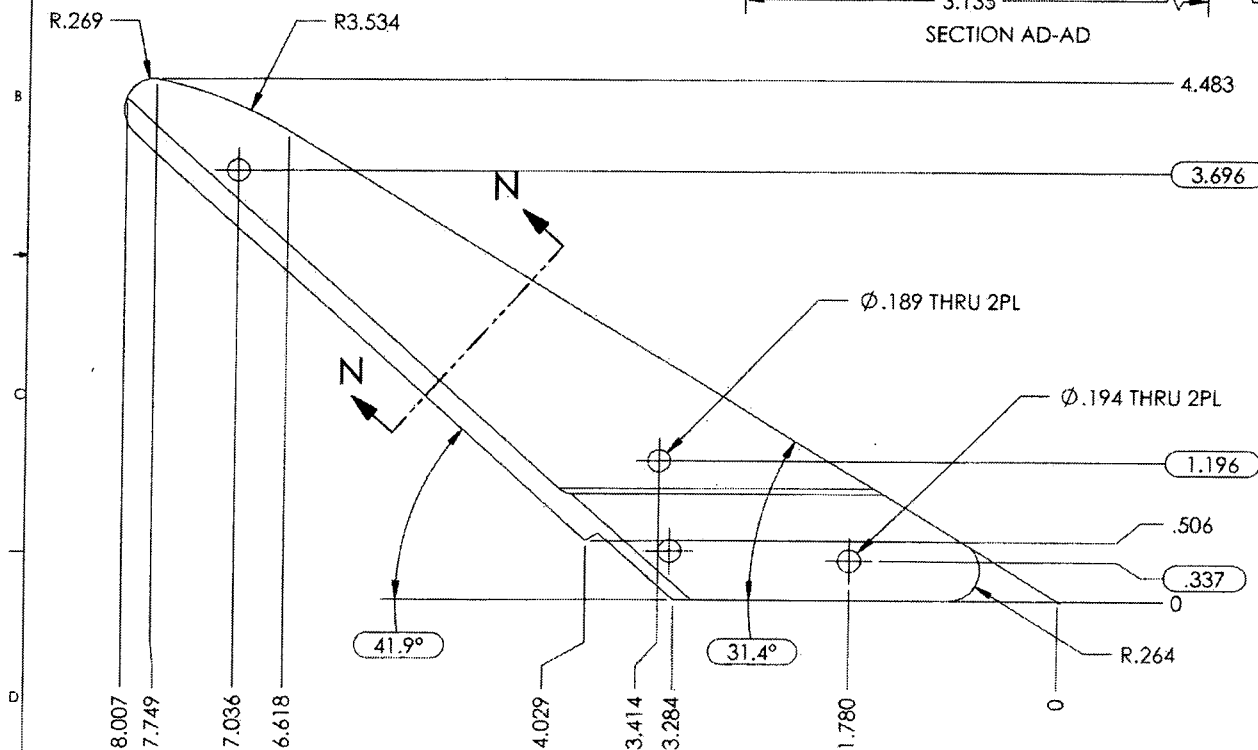
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.180 X 45.0° TYP

SECTION N-N



647.3913



ORIGINAL DATE
DRAWN BY: J. BRAY
CHECKED BY: J. BRAY
DATE: 02/20/00
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
3 PLACES DECIMALS ±.01
2 PLACES DECIMALS ±.005
ANGLES ±.2°

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

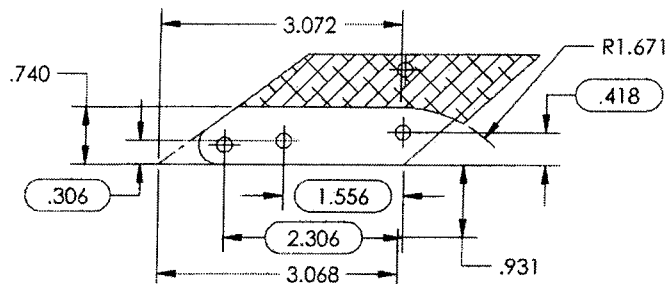
DEFLECTORS

SHEET 5 OF 12
SCALE: NONE
REV. C
DATE: 07/26/00
DWG. NO. 647.3900

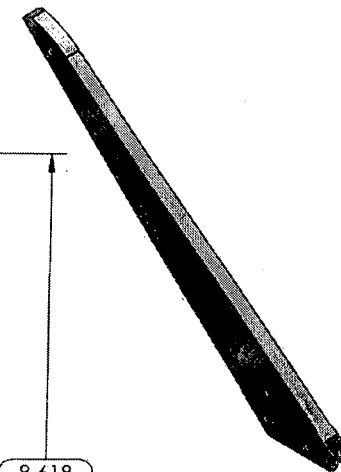
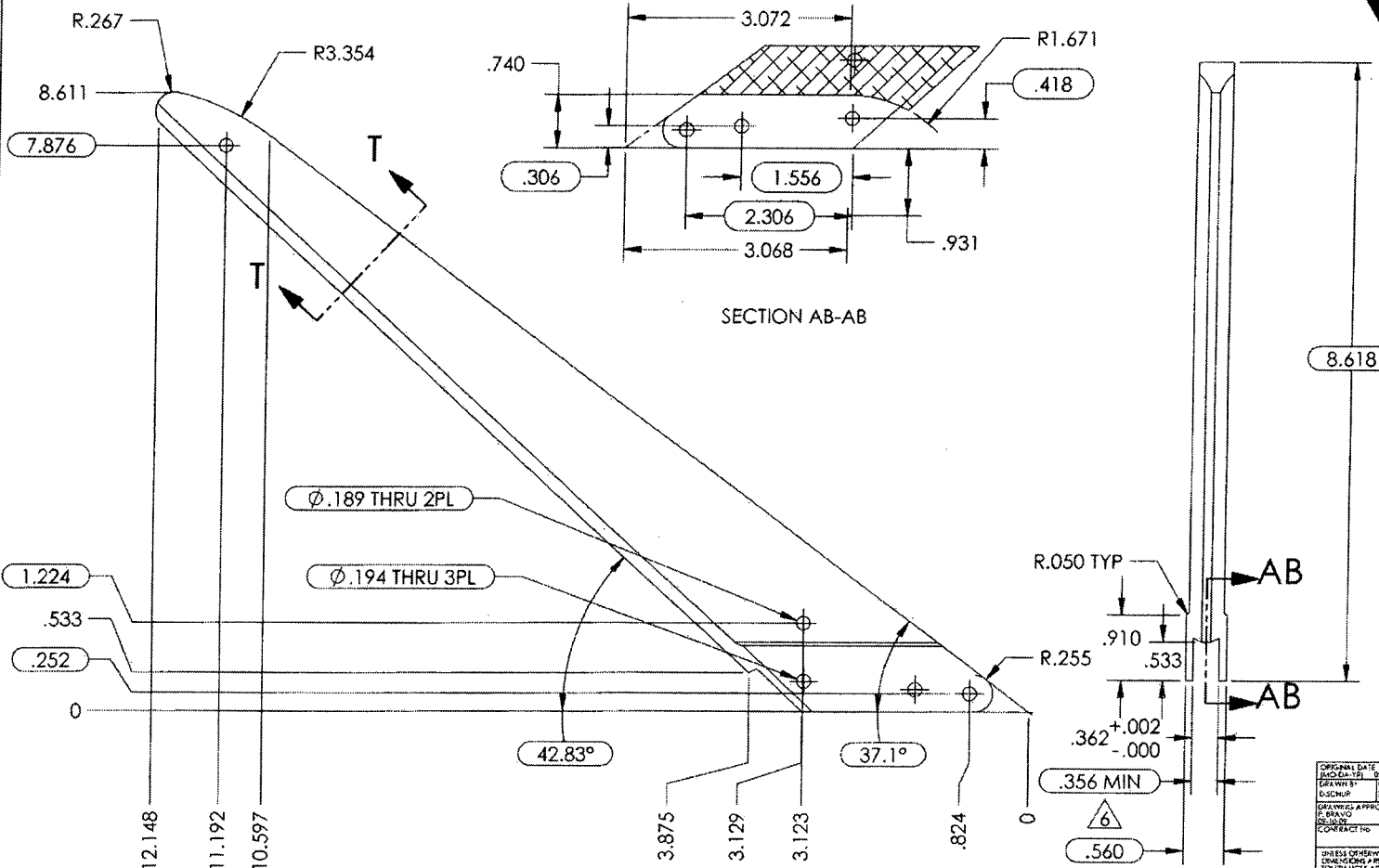
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.175 X 45.0° TYP

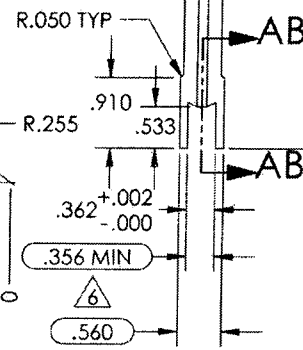
SECTION T-T



SECTION AB-AB

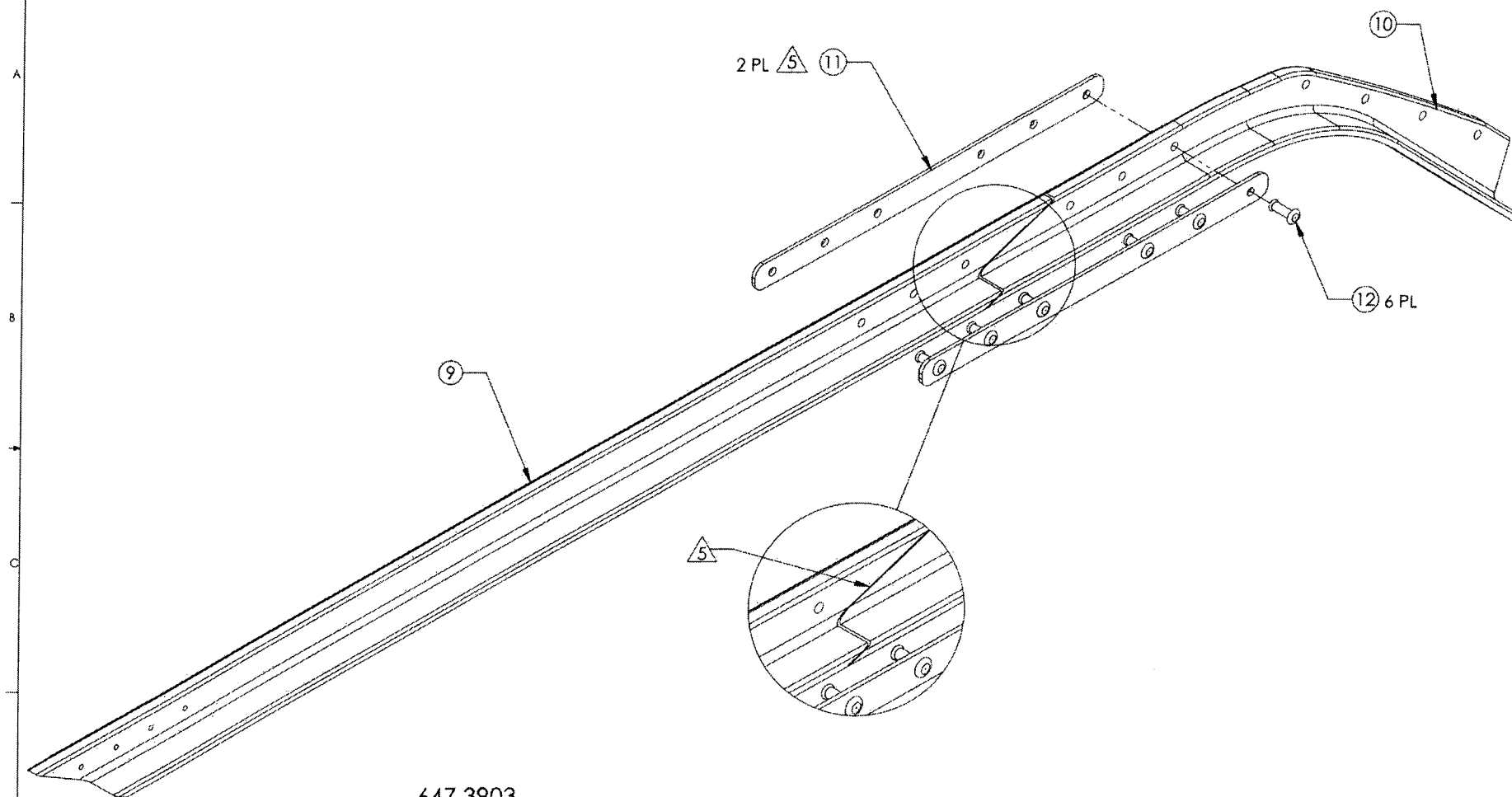


647.3914



ORIGINAL DATE 2000-01-15		BY: JDO	
DRAWN BY: JDO	DESIGNED BY: JDO	CHECKED BY: JDO	APPROVED BY: JDO
CONTRACT NO.			
MATERIAL SPECIFICATIONS DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED 2 PLACE DECIMALS ±.01 ANGLES 2.5°			
SHEET CHG CODE B	DWG. NO. 647.3900	REV. C	SCALE NONE
APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300		DEFLECTORS SHEET 6 OF 12	

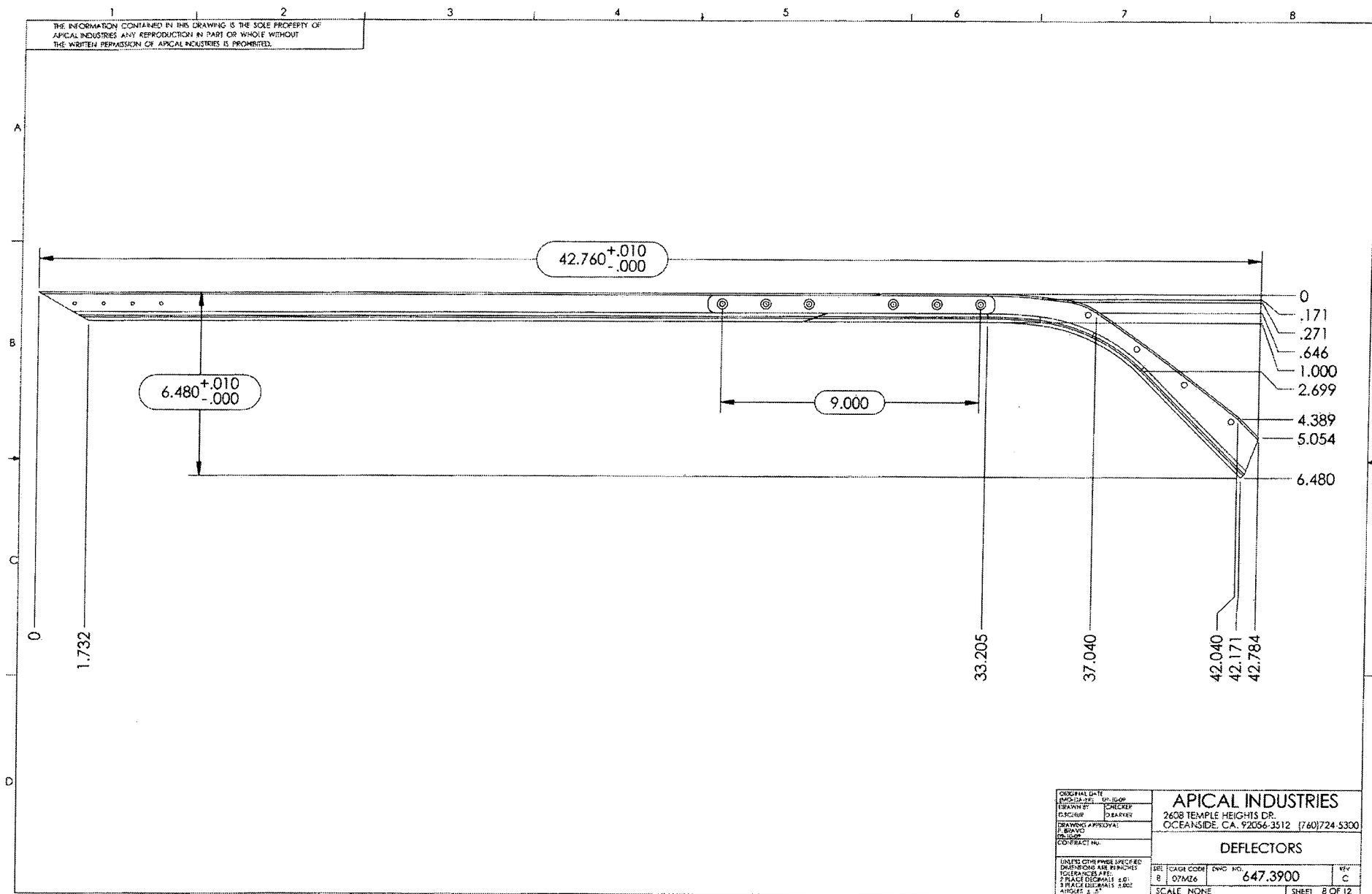
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647.3903

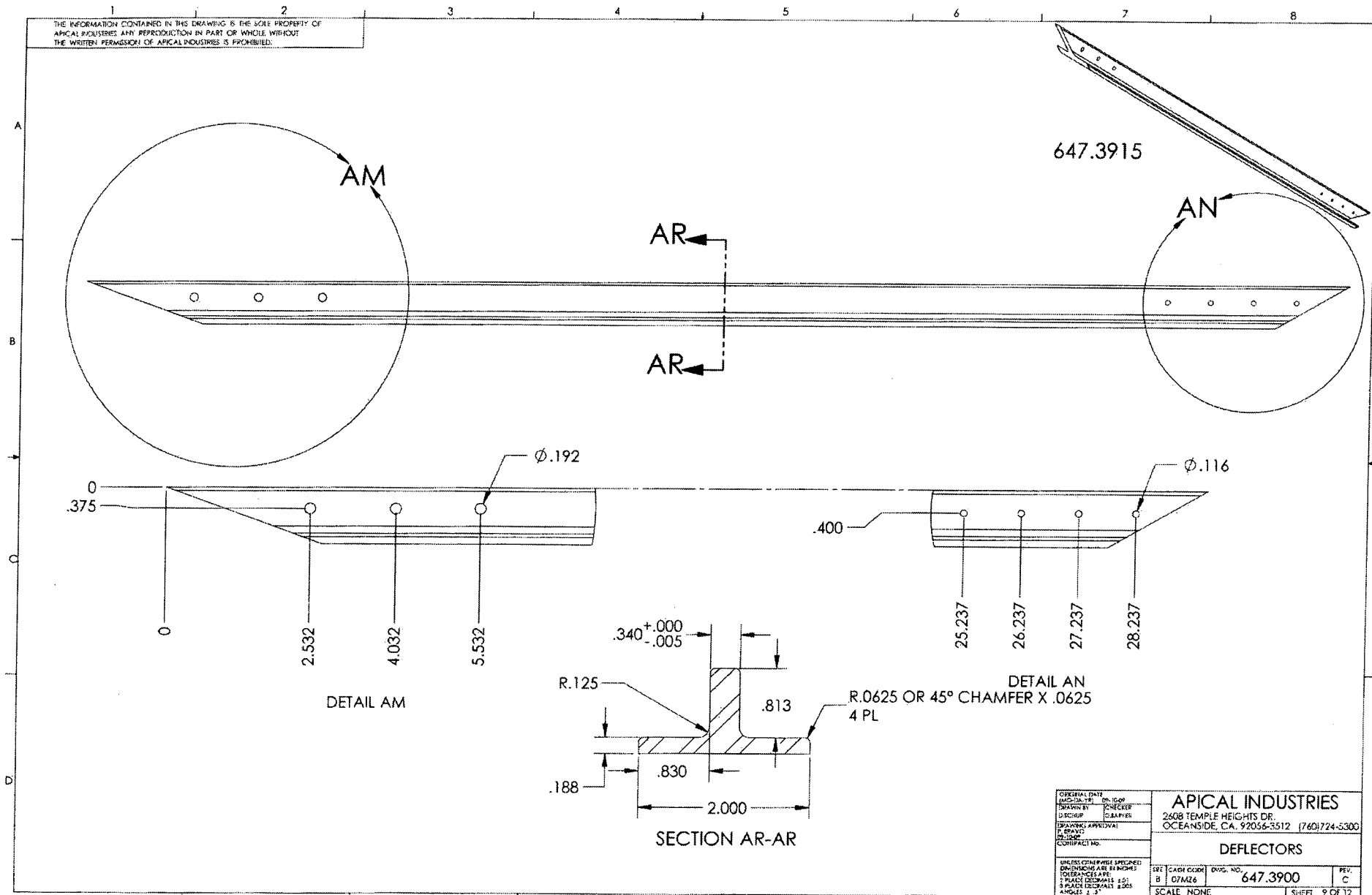
ORIGINAL DATE REVISION DATE: 07-10-09		APICAL INDUSTRIES	
DRAWN BY: J. H. H. H.		2608 TEMPLE HEIGHTS DR.	
CHECKED BY: J. H. H. H.		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DESIGNED BY: J. H. H. H.		DEFLECTORS	
DESIGNED APPROVED BY: J. H. H. H.		SCALE: NONE	
CONTRACT NO.		SHEET: 7 OF 12	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ARE 2 PLACE DECIMALS ±.01 FRACTIONS DECIMALS ±.005 ANGLE: 1/2°		REF: 07M26	DWG. NO.: 647.3900
		REV. C	

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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



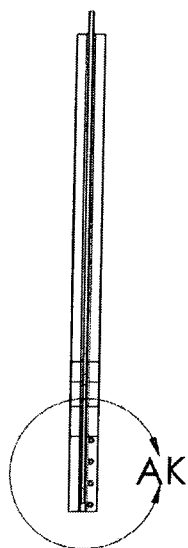
ORIGINAL DATE		APICAL INDUSTRIES	
DESIGNED BY	UP. 100P	2608 TEMPLE HEIGHTS DR.	
DRAWN BY	CHECKED	OCEANSIDE, CA. 92056-3512 (760)724-5300	
DESCRIBED	CHANGED	DEFLECTORS	
DRAWING APPROVAL		SCALE NONE	
BY		SHEET 8 OF 12	
DATE			
UNLESS OTHERWISE SPECIFIED		8 07M26 647.3900 C	
DIMENSIONS ARE IN INCHES			
TOLERANCES ARE:			
FRACTIONS DECIMALS .001			
ANGLES .5°			

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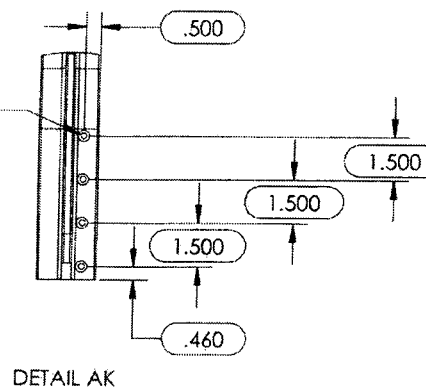


ORIGINAL DATE DESIGNED BY DRAWN BY CHECKED BY DIMENSIONS CONTRACT NO.				APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ±.01 ANGLES .1°				DEFLECTORS			
REV.	DATE	BY	CHKD.	REV.	DATE	BY	CHKD.
B	07/21/86			C			
SCALE: NONE				SHEET 9 OF 12			

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4X $\phi .196 \pm .010$ THRU ALL
 $\checkmark \phi .385 \pm .020 \times 100^\circ \pm 1.000^\circ$

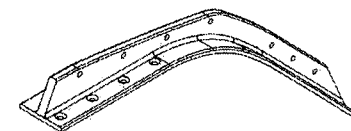


DETAIL AK

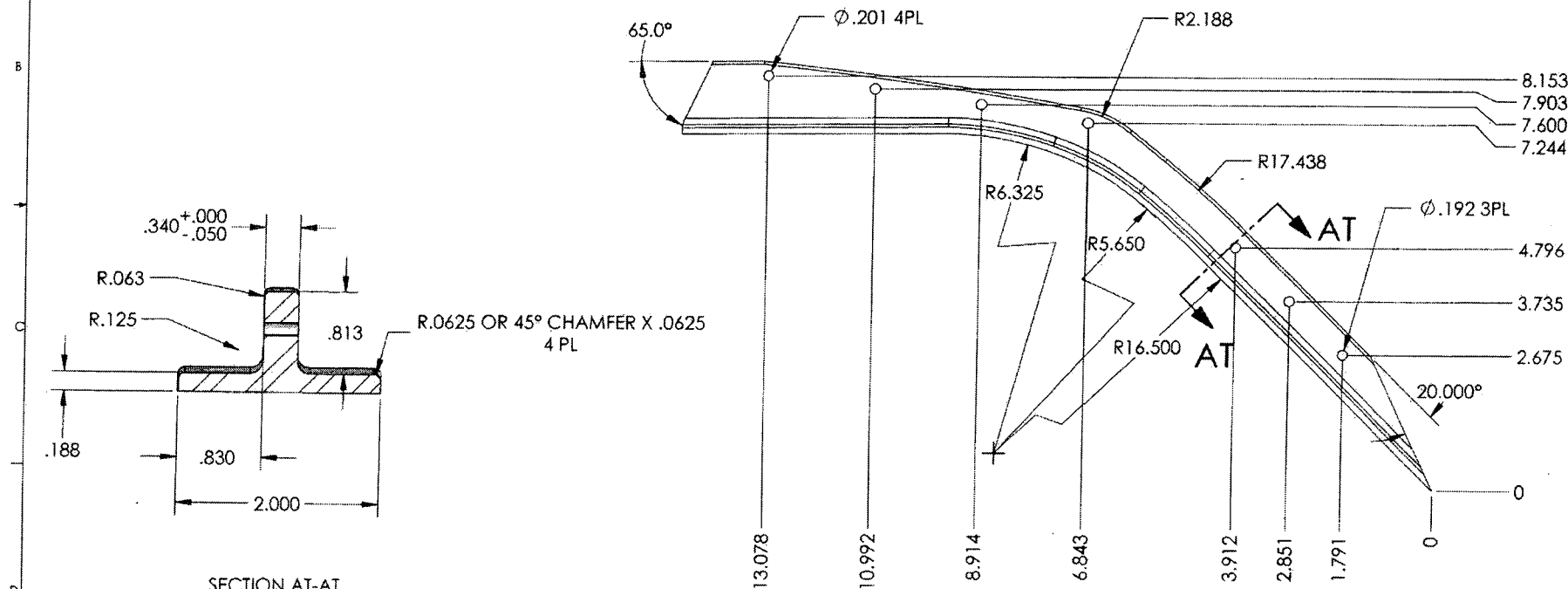
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ORIGINAL DATE REV. DATE		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY E. SCHUB	DESIGNED BY E. SCHUB	DEFLECTORS	
DRAWING APPROVAL P. BRADY		REV. CODE B	REV. CODE C
CONTRACT NO.		QTY. REQ. 1	QTY. REQ. 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 1/16 0.0001 1/16 0.0001 1/16 0.0001		SCALE NONE	SHEET 10 OF 12

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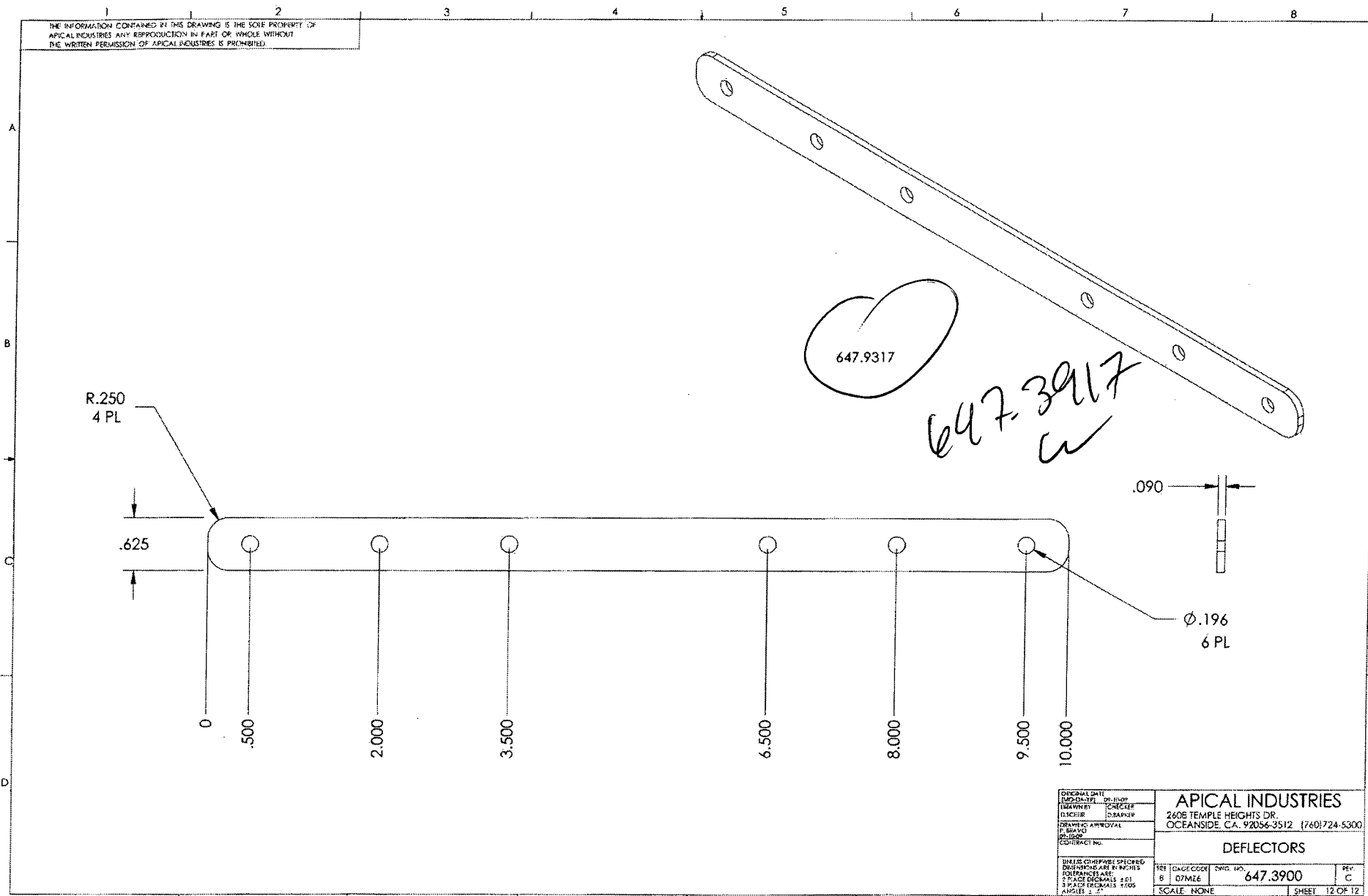
647.3916



SECTION AT-AT

ORIGINAL DATE 10/20/00 DRAWN BY D. SCHUB CHECKED BY D. HICKS APPROVED BY P. BRADY DATE 10/20/00		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ±.01 ANGLES ±.5°		SET B	DWG. NO. 647.3900
SCALE NONE		SHEET 11 OF 12	REV. C

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ORIGINAL DATE DESIGNED BY DRAWN BY CHECKED BY DATE BY CHECKED BY DATE	DESIGNED BY DRAWN BY CHECKED BY DATE BY CHECKED BY DATE	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300
DEFLECTORS		
DIMENSIONS UNLESS SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.01 2 PLACE DECIMALS ±.005 ANGLES ±.1°	QTY 8 DWG. NO. 07MEE 647.3900	REV. C
SCALE: NONE		SHEET 12 OF 12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27864**

Purchase Order Date 3/23/2015

PO Print Date 3/23/2015

Page Number 2 of 3

Order From :

VC-ATG001

Ship To : DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

613-446-4544

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

3	129890	646.3810 BRACKET	3/26/2015	2.00	\$6.55	\$13.10
---	--------	------------------	-----------	------	--------	---------

Yes

3/26/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N

Line Total: \$13.10

4	130538	647.3916 DEFLECTOR	3/26/2015	8.00	\$18.10	\$144.80
---	--------	--------------------	-----------	------	---------	----------

Yes

3/26/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N

Line Total: \$144.80

5	130539	647.3917 DOUBLER	3/26/2015	14.00	\$6.60	\$92.40
---	--------	------------------	-----------	-------	--------	---------

Yes

3/26/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE 1 CLASS N

Line Total: \$92.40

SP/5-03-26

Note:

3/23/2015



A.T.G. Industries Inc.
 731, rue Industrielle Rd.
 PLATING DEPARTMENT
 Rockland, On K4K 1T2
 Canada
 Ph: (613) 446-4544
 Fax: (613) 446-4556

Pack List

Number: 63622

Date: 26-Mar-15

To

DART AEROSPACE LTD
 1270 ABERDEEN ST.
 HAWKESBURY, ON K6A 1K7
 Canada

Ship To

DART AEROSPACE LTD
 1270 ABERDEEN ST.
 HAWKESBURY, ON K6A 1K7
 Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity	Description		
10 ea	Part: D4726-1 HANDLE HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 Job: 20150240	Rev: PO: PO27864	Line:
12 ea	Part: D5092-041 DOUBLER ASSEMBLY BLACK ANODIZE MIL-A-8625 TYPE II CLASS 2 Job: 20150241	Rev: B PO: PO27864	Line:
2 ea	Part: 646.3810 HARD ANODIZE AS PER MIL-A-8625 TY III, CLASS 2 PRIME AS PER MIL-P-23377J TYPE I CLASS N PRIMER IS SUPPLY BY THE CUSTOMER Job: 20150242	Rev: N/C PO: PO27864	Line:
8 ea	Part: 647.3916 HARD ANODIZE AS PER MIL-A-8625 TYIII, CLASS 2 PRIME AS PER MIL-P-23377J TYPE I CLASS N PRIMER IS SUPPLY BY THE CUSTOMER Job: 20150243	Rev: PO: PO27864	Line:
14 ea	Part: 647.3917 DOUBLER HARD ANODIZE MIL-A-8625 TY III CL 2 PRIME MIL-P-23377J TYPE I CLASS N PRIMER SUPPLY CUSTOMER Job: 20150244	Rev: C PO: PO27864	Line:

2015-03-26



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada
Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 63622

Date: 26-Mar-15

To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ship To

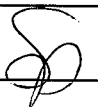
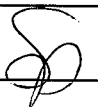
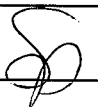
DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms	Ship Via				
<table border="1"><thead><tr><th>Quantity</th><th>Description</th></tr></thead><tbody><tr><td></td><td> Certificate of Conformance A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order. ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY DATE : <u>26/3/15</u> CERTIFIED SIGNATURE : <u></u> RECEIVER SIGNATURE : <u> 15-03-26</u> </td></tr></tbody></table>		Quantity	Description		Certificate of Conformance A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order. ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY DATE : <u>26/3/15</u> CERTIFIED SIGNATURE : <u></u> RECEIVER SIGNATURE : <u> 15-03-26</u>
Quantity	Description				
	Certificate of Conformance A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order. ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY DATE : <u>26/3/15</u> CERTIFIED SIGNATURE : <u></u> RECEIVER SIGNATURE : <u> 15-03-26</u>				